

Cover Sheet – Non-Social Service Activity

AGENCY NAME: Town of Amherst Department of Public Works
AGENCY ADDRESS: 586 South Pleasant Street, Amherst MA.
AGENCY PHONE NO: 413-259-3050 CONTACT PERSON: Guilford Mooring
CONTACT PERSON EMAIL: mooring@amherstma.gov
2015 CDBG FUNDING REQUEST: \$ 727,000.00

1. Project Name: *Shumway Street Reconstruction*
2. Project Description (1-2 sentences): *This project will be the total reconstruction of Shumway Street from Main St. to College St. To include water, sewer, stormdrains, sidewalks, pavement and tree belt.*
3. Project Location (Street address): *Shumway Street from Main St. to College St.*
4. Budget Request: *\$ 727,000.00*
5. Type of Activity (check one):
 - ☐ Rehabilitation
 - ☐ Acquisition
 - ☐ Demolition/clearance
 - ☒ Infrastructure
 - ☐ Public Facility
 - ☐ Architectural Barrier Removal
 - ☐ Other – please explain
6. National Objective:
 - Total number of beneficiaries (individuals served): *13 residencies*
 - Total Low/Mod beneficiaries (individuals served): *All individuals are in an income eligible area*

Please submit responses to the following questions:

Project Name: *Shumway Street Reconstruction*

Project Location: *Shumway Street from Main St. to College St.*

Census Block Group: *It is in the 250158205001 group that is 53.6% Low/Mod.*

A. National Objective Description

This Project is entirely in an income eligible block group.

B. Demonstrate Consistency with Community Development Strategy

This project is consistent with the priority rankings of the community development strategy as listed on page 6 of the application package that shows the 2015 Priority Projects.

Priority 1, Housing - The project is in a low/moderate income census block area serving 13 existing residential housing units and will correct a blight issue and undersized water and sewer utilities that serve the street.

Priority 2, Housing – The project is located in the East Amherst Village Center and will improve and renovate the public infrastructure used by those in this area.

Priority 4, Community Service – The project will make accessibility upgrades to an existing street and sidewalk in a residential area in the East Amherst Village Center that has connections to Main Street and to services on College Street.

Priority 5, Land Use – The project is a public infrastructure project in a Village Center that will improve sidewalks, streetscapes, remove sidewalk barriers and improve water quality and quantity for the neighborhood.

Priority 13, Economic Development – The project will rehabilitate the existing water mains, sanitary sewer mains, storm drains, roadway and sidewalks in the East Village Center.

C. Demonstrate Consistency with Sustainable Development Principles

This project meets the State's Sustainable Development Principles by repairing and rehabilitating existing infrastructure to support existing development before developing on undeveloped properties or extending new infrastructure.

D. Demonstrate Consistency with Target Area requirements

This project is in the East Amherst Village Center.

E. Agency Information

The Amherst Department of Public Works is a full service consolidated public works department providing the following services:

Water Collection and distribution

Waste Water Collection and Treatment
Highways and Sidewalks
Traffic Signals
Outside Grounds Maintenance
Town Cemeteries
Vehicle Maintenance
Engineering and Administrative Support

The agency has been in existence for over 100 years.

F. Project Budget Information

2015 Community Development Block Grant
Non-social service activity project
Shumway Street Reconstruction, Amherst, Massachusetts

PRELIMINARY PROJECT BUDGET FY2016 CONSTRUCTION

	Unit	Quantity	Unit Price	Estimated Cost
New 8 inch ductile iron water main	foot	1000.00	\$180.00	\$ 180,000.00
New 8 inch PVC sewer main	foot	1000.00	\$110.00	\$ 110,000.00
Sewer manholes	ea	4.00	\$7,000.00	\$28,000.00
Asphalt for patching	ton	100.00	\$86.00	\$ 8,600.00
New hydrants	ea	1.00	\$7,000.00	\$ 7,000.00
Reclaim roadway	sqyd	2700.00	\$5.00	\$ 13,500.00
2 inch Asphalt Base	ton	320.00	\$160.00	\$ 51,200.00
2 inch asphalt top course	ton	320.00	\$86.00	\$ 27,520.00
New Curbing	lft	2500.00	\$6.00	\$ 15,000.00
New Catch basin	lft	65.00	\$160.00	\$ 10,400.00
Sidewalk Asphalt	ton	200.00	\$160.00	\$ 32,000.00
12 inch HDPE drain pipe	lft	250.00	\$130.00	\$ 32,500.00
Loam and seed	sqyd	1800.00	\$15.00	\$ 27,000.00
Construction Signage	sqft	200.00	\$24.00	\$ 4,800.00
Police Detail	td	23.00	\$520.00	\$ 11,960.00
Mobilization	LS	1.00	\$72,700.00	\$ 72,700.00
Sub Total				\$ 632,180.00
Contingency 15%				\$ 94,827.00
TOTAL PROJECT COST				\$ 727,007.00

Answers for Parts G—K must not exceed six (6) pages

G. Project Description

This project is the reconstruction of Shumway Street from Main Street to College Street. The project will consist of the following elements:

- 1. 1000 feet of water line replacement. The entire water main from Main Street to College Street will be replaced. New service connections will be made and extended to the property lines. The main will be upgraded to an 8 inch line from the current 4 inch pipe. The existing water line is a 4 inch cast iron pipe that is at least 80 years old. It is undersized for current fire flows and more than likely has sever occlusions caused by the water and iron reactions over the last 80 years.*
- 2. 1000 feet of sanitary sewer line replacement. The entire sewer line will be replaced from Main Street to College Street. This sewer line is made of clay pipe and has known house services that are made of Orangeburg pipe. This pipe has not been used for decades and is considered substandard by the industry. There have been several service line failures over the last few years.*
- 3. Upgrades to the Drainage line. The drainage line will be upgraded to reroute the flow paths from several drain structures and new catch basins will be installed. Curbing will also be installed to better control street drainage.*
- 4. The sidewalk will be replaced from Main Street to College Street. This will allow for the Town to address accessibility issues to the sidewalk and connect this neighborhood to the Main Street sidewalk that was reconstructed in 2012.*
- 5. The entire roadway will be repaved and none paved areas will be loamed and seeded. This will address the blighted condition that exists along the roadway from many years of neglect by the Town and property owners.*

This work will serve 13 residences on the road and has been a project on the Town's DPW to do list for several years. Larger projects in the water and sewer systems have taken priority the last few years over this smaller side street.

H. Project Need

This project will address the undersized water main and will improve water flow and quality to the residents while correcting a blighted area.



Typical condition of Shumway Street



Typical condition of Shumway Street, deteriorated pavement and lack of curbing.



Typical sidewalk condition with narrow pavement and heaving.



Missing sidewalk section on Shumway connecting to College Street.

I. Community Involvement and Support

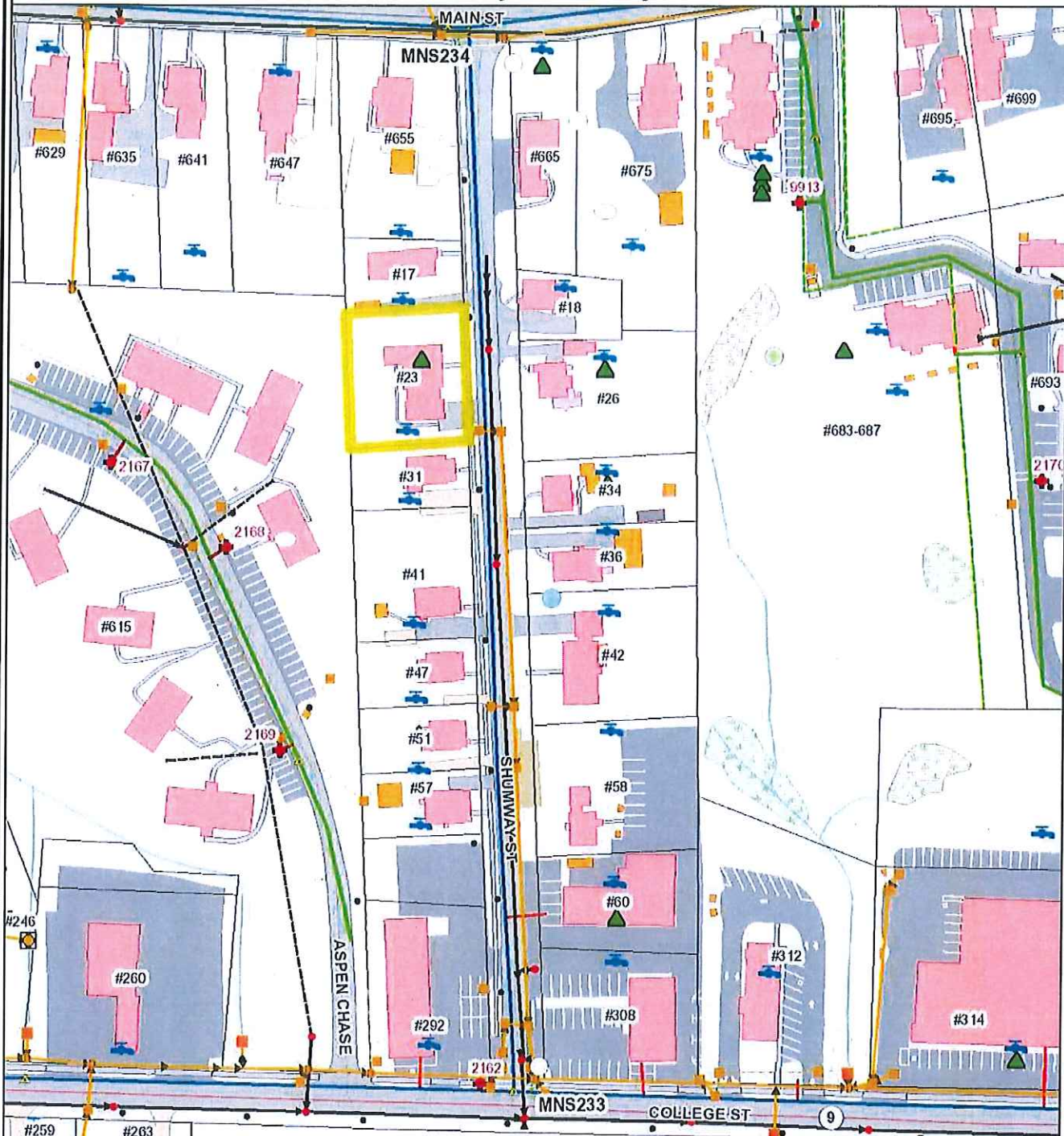
This project has been requested multiple times by neighbors who have and currently live on the street. The project has always scored low when discussing larger projects in the water and sewer systems.

J. Project Feasibility

This project is a straight forward project that has only lacked higher priority among other water and sewer projects in the competition for funding. There are no issues that would prevent the project starting on time. The project is along an existing roadway and not crossing wetlands. Design for the project is nearly complete and then will be reviewed by the Public Works Committee before being submitted to the Select Board for approval. The project is a simple line item bid project and should be ready to begin construction in May of 2015 if all approvals are received before that time. If the funding is not received by May the project may have to wait until 2016 for final paving.

K. Project Impact

This project will greatly improve the water quantity and quality on Shumway Street. The area will also look much nicer with a newly paved road and usable sidewalk.



Horizontal Datum: MA Stateplane Coordinate System, Zone 4151, NAD83, Feet; Vertical Datum: NAVD88, FT
 Planimetric & topographic basemap compiled at 1"=40' scale from April, 2009 Aerial Photography. Parcels compiled to match the basemap; revisions are ongoing.

The information depicted on this map is for planning purposes only. It may not be adequate for legal boundary definition, regulatory interpretation, or property conveyance purposes. Utility structures & underground utility locations are approximate & require field verification.

The Town of Amherst makes no warranties, expressed or implied, concerning the accuracy, completeness, reliability, or suitability of these data, & does not assume any liability associated with the use or misuse of these data.

Utility Pol

Control Points

Documents

Scanned Documents

Water Service

Sewer Service

Water Gate

Record Plan

Linen Plan

Ficho Plan

Drainage Service

Site Plan

Deed

Subdivision Plan

Easement Plan

Electrical Card

As-Built-Plan

Drainage System

Catch Basins

Drain Manholes

Stormwater Outfalls

Culverts

Drain Lines

Active

Missing

Abandoned

Sanitary Sewer System

Sewer Manholes

Private

Town of Amherst

Sewer Lines

Active

Missing

Abandoned

Sewer Force Mains

Pump Stations

Pump Station

Residential Pump

Commercial Pump

Water Distribution System

Water Gates

Main Line Gate

Sprinkler Gate

Blowoff

Abandoned Gate

Meter Pit

Fire Hydrants

Water Lines

TOA Water Line

Missing TOA Water Ln

UM/AC/HC Water Ln

Hydrant Line

TOA Raw Water Ln

TOA Service Line

Private or Other Lines

Water Service Lines

Property Map

Property Lines

Easements

Adjacent Towns Parcels

Basemap

Trails

Rail Lines

Sidewalks



1" = 130 ft



Required Attachments:

1. Please submit the agency FY 14 revenue and expenditure report, the agency's current budget and a ***12 month projected budget for this activity*** detailing sources of funding and estimated expenditures. Although the activity must be completed within 18 months, the Town asks for a 12-month budget to ensure timely expenditure of funds.

The DPW Budget can be found at the following link:

<http://www.amherstma.gov/DocumentCenter/View/24672>

The project schedule for this project is below:

Item	Date
Final Design work and approval	December 15 to January 30
Contract prep	January 30 to February 15
Bidding	February 15 to March 15
Award	March 15 to April 15
Begin Construction	May 15
End Construction	May 30, 2016
Close out	June 30, 2016

Construction will end in November of 2015 for the construction season. Depending on weather and other issues the project could be complete then or final paving maybe in May of 2016.

2. The most recent annual audit, ***including audit report in compliance with OMB Circular A-133 if applicable.*** Information is available on request.
3. Organization Status:
The Town of Amherst is a Charter Municipality in the Commonwealth of Massachusetts.

4. Governing Members:

Town Manager: John P. Musante

Select Board

	Terms	
Aaron Hayden, Chair	2008	2015
Alisa Brewer	2007	2016
James Wald	2010	2016
Constance Kruger	2014	2017
Andrew Steinberg, Clerk	2014	2017

5. Agency organizational chart can be found at the following location:

<http://www.amherstma.gov/DocumentCenter/View/24669>

The staff that will be directly responsible for implementing this activity is listed below.

Guilford Mooring, PE, Superintendent of Public Works

Jason Skeels, PE, Town Engineer

Paul Dethier, Asst Town Engineer

Elizabeth Marshal, Engineering Technician

6. Personnel policy and Affirmative action/equal opportunity plan can be found at the following location:

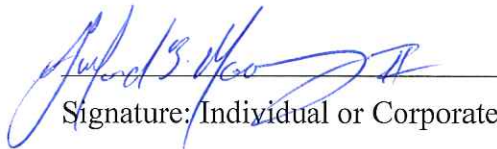
<http://amherstma.gov/DocumentCenter/View/1817>

CERTIFICATE OF TAX COMPLIANCE

Pursuant to Massachusetts General Law chapter 62C, sec 49A, I hereby certify under penalties of perjury that, to the best of my knowledge and belief, I am in compliance with all laws of the Commonwealth relating to taxes, reporting of employees and contractors, and withholding and remitting child support.

04 6001068

Social Security or Federal I.D. number



Signature: Individual or Corporate Officer

1/5/2015

Date

PLEASE PRINT

Corporate Name: Town of Amherst, Department of Public Works

Address: 586 South Pleasant Street

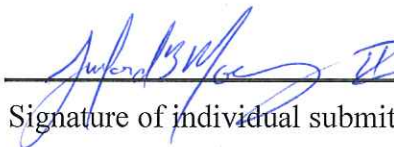
City, State, Zip Code: Amherst, MA 01002

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this Proposal or proposal has been made and submitted in good faith and without collusion or fraud with any other person, business, partnership, corporation, union committee, club or other organization, entity or group of individuals.

1/5/2015

Date



Signature of individual submitting Proposal or proposal

Town of Amherst, Department of Public Works

Name of Business

586 South Pleasant Street, Amherst, MA 01002
Address of Business